SERVICE

Whirlpool Europe
Customer Services

AWG 338/3

Whirlpool

Service Manual

Washer dryer
Frontloader
AWG 338/3

Model AWG 338/3
Version 8537 338 72110

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This documentation is only intended for qualified technicians who are aware of the respective safety regulations.

Date: 21.03.2001 (Mod.01)
Document-No.: 4812 713 11539

Subject to modification

Technical data

Dimension

Height	85.0	cm
Width	59.5	cm
Depth	53.0	cm

Weight

Weight net	82.0	kg
Without packing	79.0	kg

Main connection

Voltage	230/240	V
Frequency	50	Hz
Power Consumption	2.2	kW
Fuse rating	10	A

Drum data

Volume	42.5	l
Washing	45	rpm
Washing wool	35	rpm
Rinsing wool	55	rpm
Pre-spinning	100	rpm
Spinning low	500	rpm
Spinning high	1000	rpm

Capacity

Loading - washing max.	5.0 dry laundry	kg
Loading - drying max.	2.5 dry laundry	kg

Heating

Type	Tubular radiator	
Rated power draft:		
- washing	1.95	kW
- drying RA1	1.0	kW
- drying RA2	0.3	kW

Drain-pump

Power consumption	34	W
Capacity	20 - 25	l/min.
Rotation speed	~ 2800	rpm
Height of draing hose	max.0.90 min.0.60	m m

Motor

Type	2/16 poles with speed motor

Timer washing

Type	Elbi 0672.0
Basic cycles	3
- normal washing	
- delicate washing	
- wool	

Capacitor

Capacity wash motor	22	µ F
Capacity spin motor	16	µ F

Thermostat

A - a fixed thermostat with two functions	33 / 48	°C
B - a drying fixed thermostat	47	°C
C - a safety thermostat	150	°C
D - a safety thermostat	150	°C
E - an adjustable thermostat	10 - 90	°C

Pressostat

Low level	8	l
High level	11	l
Overflow level	35	l

Push button switch unit

Version with 5 options

- Rinse hold
- Low/High speed
- On/off
- Intensive rinse
- Half load

Timer drying

Type	Eaton 8314/01	
drying time	2 to 104	min.
cooling time	12	min.

Drying motor

Type	Plaset 45982-SICO

Spare part list

Model AWG 338/3
Service No. 853733872110
Version 853733872110

Pos. No.	12NC Code	Description
001 0	4819 440 19816	Cabinet
011 0	4819 500 18001	Foot
024 0	4819 903 03649	Panel, rear
030 0	4819 440 19904	Lid
041 0	4819 417 19534	Hinge
054 0	4819 462 79958	Cover
061 0	4819 466 88802	Counter weight
061 1	4819 466 88794	Counter weight bottom
065 0	4819 325 18026	Insulation thermic conveyor
083 0	4819 466 47003	Friction plate
086 0	4819 492 68576	Spring
086 1	4819 310 39574	Kit fixation
086 2	4819 310 39573	Kit fixation
086 3	4819 310 39575	Kit fixation
110 0	4819 498 78431	Handle
110 1	4819 498 78432	Handle cpl
131 0	4819 903 10159	Lock Plate
133 0	4819 903 10175	Door latch
133 1	4819 903 10174	Pin handle
133 2	4819 903 10176	Door catch lever
140 0	4819 450 58178	Door glass
141 1	4819 466 98878	Protector
143 0	4819 903 02494	Strap
144 0	4819 903 10179	Frame,door glas
144 1	4819 532 28291	Glassdoor frame
144 2	4819 492 38119	Strap porthole seal
190 0	4819 468 18285	Door bellow
200 0	4819 418 18355	Tub
201 0	4819 440 19849	Bottom Kit
201 1	4819 903 02529	Ring tub
201 2	4819 440 19848	Bottom
201 3	4819 532 38088	Ring kit
210 0	4819 404 49869	Crosspiece,drum
220 0	4819 418 18303	Drum with cross piece
271 0	4819 358 18136	Belt
272 0	4819 528 88098	Pulley
278 0	4819 535 98468	Shaft
291 0	4819 903 03668	Gasket tub
301 0	4819 460 78798	Control panel
303 0	4819 460 78805	Insert
303 1	4819 498 78429	Handle, drawer
320 0	4819 453 28281	Insert panel
331 0	4819 412 58801	Knob,timer
331 1	4819 413 79252	Cover, knob
332 0	4819 410 29136	Button,push
335 0	4819 412 58802	Knob thermostat
338 0	4819 412 58803	Knob,timeswitch drying
351 0	4819 134 48496	Pilot lamp
351 1	4819 134 48509	Pilot lamp
401 0	4819 361 58164	Motor
401 1	4819 361 78214	Motor
420 0	4819 121 17005	Capacitor 16 µ F
420 0	4819 121 78156	Capacitor 22 µ F
421 0	4819 121 18143	Interf.filter
422 0	4819 214 78563	Tachometer

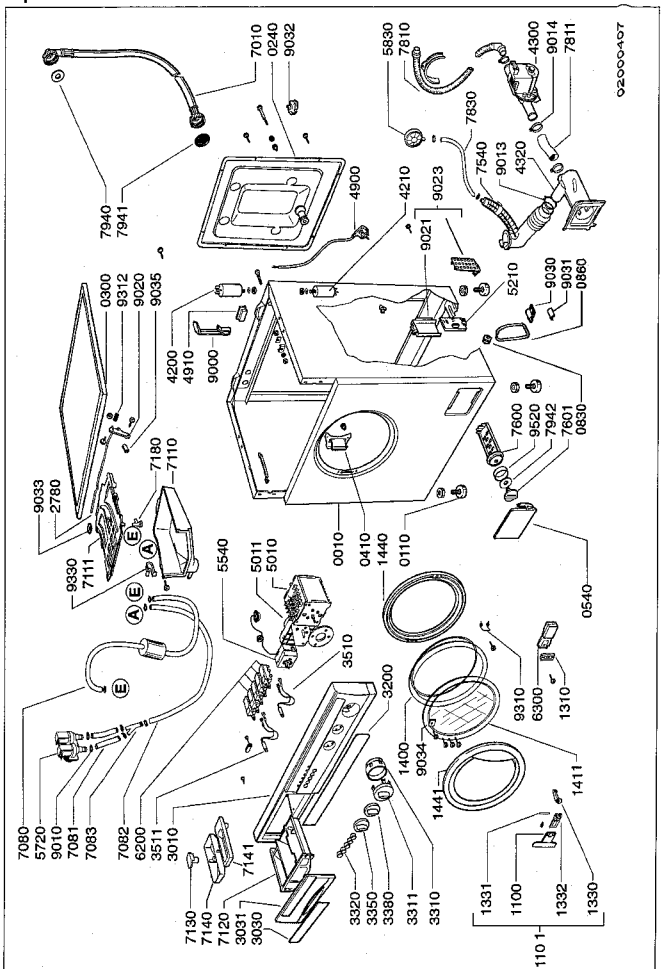
Pos. No.	12NC Code	Description
430 0	4819 360 18217	Pump,draining
432 0	4819 480 58137	Filter body
443 0	4819 515 48054	Fan wheel
451 0	4819 259 28799	Heating element
451 1	4819 418 38359	Heating chamber
451 2	4819 259 28788	Heating element
451 3	4819 259 28789	Heating element
490 0	4819 321 18155	Connect.cable
491 0	4819 290 68271	Connect.block
501 0	4819 282 18663	Timer ELBI 0672.0
501 1	4819 282 18499	Timer switch dryer
521 0	4819 214 78583	Control unit
551 0	4819 282 48279	Thermostat fix 33/48 °C
551 1	4819 282 28627	Thermostat MRTL 170°C
551 2	4819 282 28527	Thermostat
551 4	4819 282 28489	Thermostat
554 0	4819 282 38042	Thermostat adjustable
572 0	4819 281 28196	Valve,magnet
583 0	4819 271 29086	Pressostat
620 0	4819 410 28985	Switch
630 0	4819 280 48009	Door lock
701 0	4819 530 28932	Hose, inlet 1.5 m cold water
708 0	4819 530 28867	Hose
708 1	4819 526 48485	Hose
708 2	4819 526 48211	Hose
708 3	4819 526 48212	Coupling piece
708 4	4819 530 28545	Drainhose inner
711 0	4819 418 79844	Dispenser
711 1	4819 462 88119	Cover
712 0	4819 418 79845	Drawer
713 0	4819 418 78989	Accessory deterg. fluid
714 0	4819 418 79847	Container liquid detergent
714 1	4819 418 79845	Container bleaching
718 0	4819 360 69849	Nozzle
742 0	4819 360 78276	Cover
743 0	4819 466 69941	Hose
743 1	4819 310 38836	Air guide plastic
743 2	4819 526 48311	Air guide bottom
743 3	4819 526 48309	Air guide top
743 5	4819 526 48475	Connector
754 0	4819 530 28862	Drainhose
760 0	4819 480 58082	Filter
760 1	4819 462 78861	Grip filter
781 0	4819 530 28847	Hose,draining
781 1	4819 903 02515	Hose
783 0	4819 530 28861	Hose pressostat
783 1	4819 526 48213	Air guide
792 0	4819 466 69658	Seal for blower
794 0	4819 903 04978	Gasket
794 1	4819 310 38057	Gasket
794 2	4819 532 68309	Cover filter
900 0	4819 535 38151	Hook
900 1	4819 466 98528	Clamping piece
901 0	4819 401 18736	Clamp,hose
901 3	4819 401 18351	Clamp,hose

Spare part list

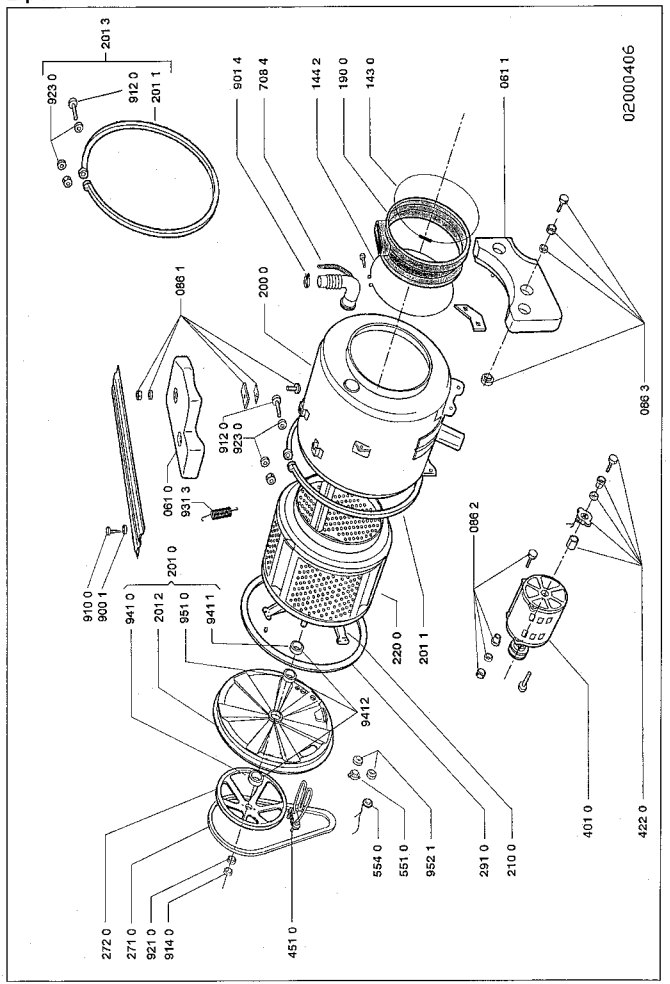
Model **AWG 338/3**
Service No. **853733872110**
Version **853733872110**

Pos. No.	12NC Code	Description
901 4	**4819 401 18174**	Clamp,hose 25-45 mm
901 5	**4819 492 68475**	Strap
901 6	**4819 401 18817**	Clamp,hose
902 0	**4819 535 98469**	Lever
902 1	**4819 418 79639**	Holder unit electrical
902 2	**4819 404 49891**	Holder
902 3	**4819 418 79092**	Holder
903 0	**4819 492 68392**	Clamp
903 1	**4819 903 02535**	Silent bloc
903 2	**4819 401 18348**	Holder,hose
903 3	**4819 903 02466**	Lever
903 4	**4819 903 10167**	Door glass insert
903 5	**4819 903 02469**	Rocker
903 6	**4819 492 68488**	Clip
910 0	**4819 502 18347**	Screw
912 0	**4819 502 18414**	Screw
914 0	**4819 505 13084**	Nut
921 0	**4819 532 13433**	Washer pulley
923 0	**4819 532 68726**	Washer
931 0	**4819 903 10172**	Spring,ret.
931 2	**4819 903 02471**	Spring
931 3	**4819 492 68872**	Spring,tension
932 0	**4819 492 68577**	Spring
933 0	**4819 903 03659**	Spring,tension
941 0	**4819 520 28034**	Bearing
941 1	**4819 530 78046**	Shaft seal
941 2	**4819 310 38563**	Bearing,ball kit
951 0	**4819 520 28035**	Bearing
951 1	**4819 530 57019**	Gasket
952 0	**4819 466 69816**	Gasket
952 1	**4819 903 02447**	Gasket thermostat

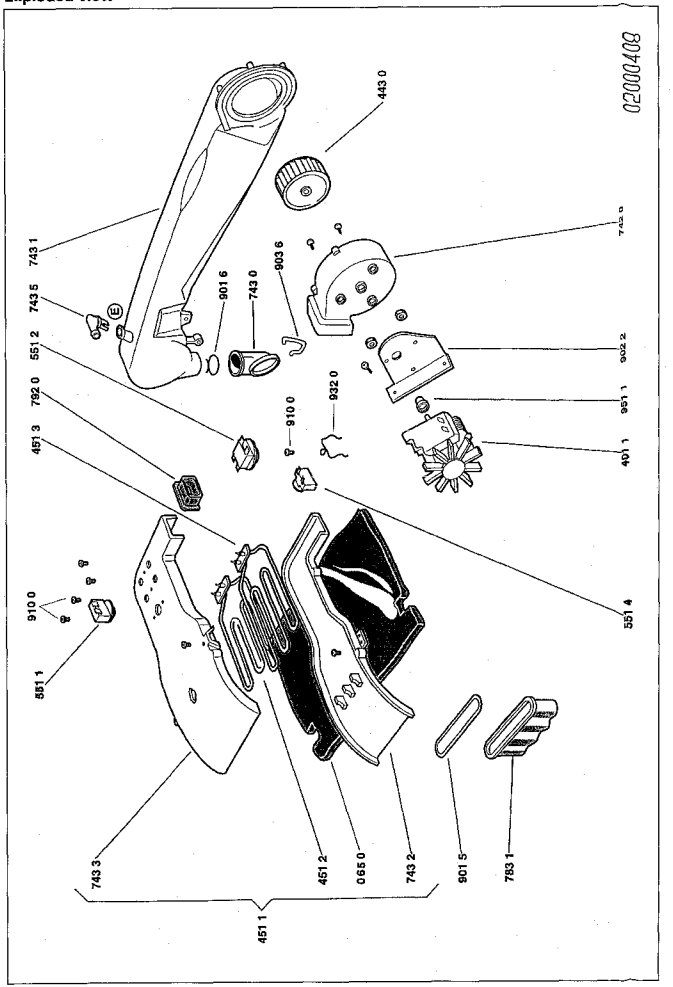
Exploded view



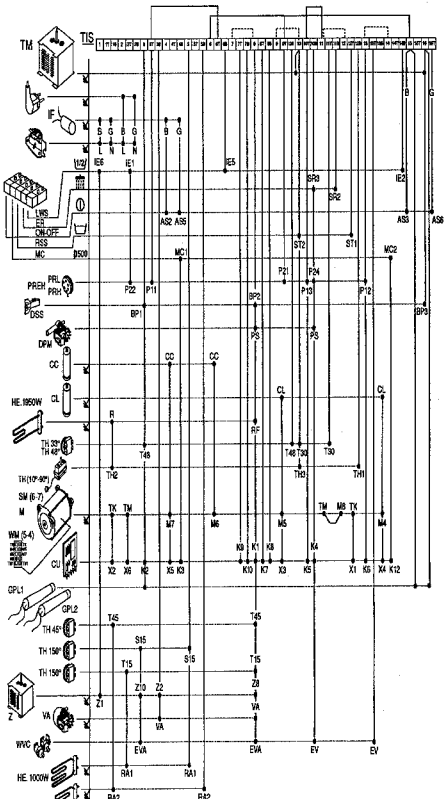
Exploded view



Exploded view



Wiring diagram



TM	*Timer motor*	**DPM**	*Drain pump motor*	**M**	*Main motor*
EM	*Thermostat*	**VAT**	*Variable Tempearture*	**SM**	*Spin-dry motor*
IF	*Interference filter*	**VSS**	*Variable spin speed*	**WM**	*Wash motor*
RSS	*Spin delay button*	**TR**	*Thermal resistivity*	**CU**	*Control unit*
SDE	*No spin button*	**TK**	*Tachometer*	**Z**	*Drying timer*
LWS	*Half load button*	**WV**	*Water valve*	**VA**	*Dryer motor*
e	*Eco button*	**CC**	*Spin capacitor*	**EVA**	*Dryer water valve*
CWS	*Cold wash button*	**CL**	*Wash capacitor*	**MC**	*Low/high speed*
PRL	*Low level pressostat*	**HE**	*Heating element*	**GPL1**	*Pilot lamp*
PRH	*High level pressostat*	**RE**	*Relay*	**GPL2**	*Door pilot lamp*
WVC	*Water valve (cold fill)*	**AS**	*ON - OFF button*	**ZM**	*Drying Timer Motor*
WVW	*Water valve (hot fill)*	**ER**	*Extra rinse button*	**DE**	*Drying Element*
PREH	*Pressostat*	**TH(10°-90°C)**	*Adjustable thermostat*		
DSS	*Micro delay switch*	**TH**	*Klixon*		

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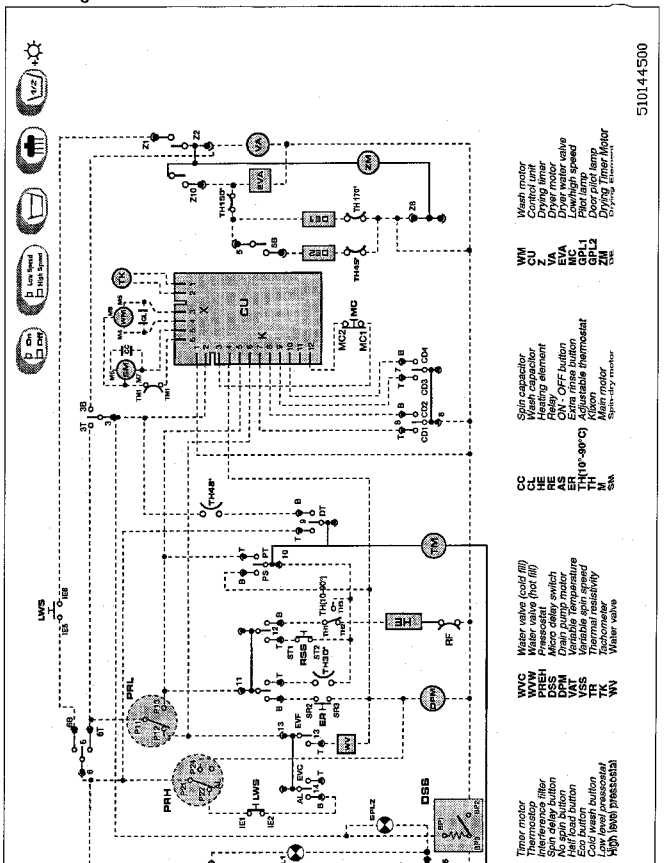
Circuit diagram



Program diagram

TIMER ELBI 0672.0
DURATION
DRYING MODULE
NORMAL DRYING
DELICATE DRYING
DOOR LOCK
WASHING CODE 4
WASHING CODE 3
WASHING CODE 2
WASHING CODE 1
90°
WHEEL DIRECT
DRAINING PUMP
FULL TIMER
90° EXTRA RINSE - DRAINING
90°
HEATING
DOOR WITH HEATER IN TIVE SUB
COLD WATER VALVE
HIGH LEVEL WITH PUSH BUTTON
SPINNING SPEED
TIMER DIRECT
ROTATION PER MINUTE
TIMER POSITION
TO FOLLOWING TIMER POSITION
AFTER :
TIMER POSITION
FUNCTIONS OF THE MACHINE
FAST CARS
FIRST TIME - NORMAL WASHING 4
SECOND TIME - FINE WASH 2
DOUBLE ACTION
STOP
DRAINING + LOW SPEEDING
NORMAL WASHING DRAINING
STOP + RISE WASHING
RISE WASHING
DRAINING
RISE WASHING
DRAINING
RISE WASHING
WOOL RISE WASHING
FILLING WOOL RISE WASHING + HEATING 30°
STOP + DRAINING
FILLING RISE WASHING
NORMAL WASHING DRAINING
STOP + RISE WASHING + HEATING
NORMAL WASHING DRAINING
RISE WASHING
FILLING RISE WASHING
NORMAL WASHING DRAINING
RISE WASHING
FILLING RISE WASHING
NORMAL WASHING DRAINING
RISE WASHING
RISE WASHING + HEATING 40°
FILLING RISE WASHING + HEATING 40°
NORMAL WASHING DRAINING
RISE WASHING
FILLING RISE WASHING + HEATING 60°
NORMAL WASHING DRAINING
RISE WASHING + HEATING
RISE WASHING + HEATING 90°
FILLING RISE WASHING + HEATING 90°
NORMAL WASHING DRAINING
STOP + DRAINING
DRAINING + HIGH SPEEDING
DRAINING + HIGH SPEEDING
STOP + DRAINING
NORMAL WASHING DRAINING
DRAINING + LOW SPEEDING
NORMAL WASHING DRAINING
FILLING WOOL WASHING
NORMAL WASHING DRAINING
DRAINING + INTERMEDIATE SPEEDING
NORMAL WASHING DRAINING
DRAINING + INTERMEDIATE SPEEDING
NORMAL WASHING DRAINING
NORMAL WASHING
NORMAL WASHING
NORMAL WASHING
NORMAL WASHING
NORMAL WASHING
NORMAL WASHING
NORMAL WASHING
NORMAL WASHING
NORMAL WASHING DRAINING
NORMAL WASHING
NORMAL WASHING
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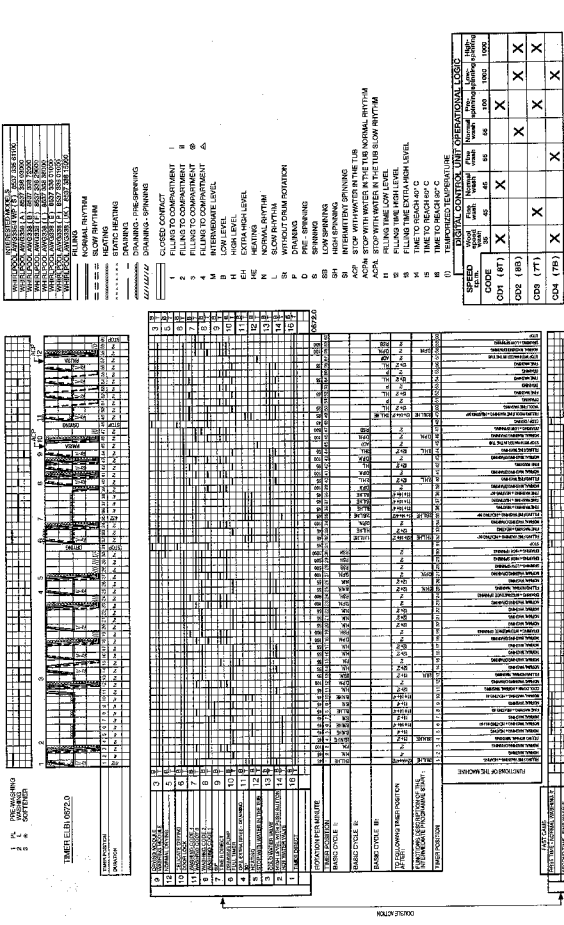
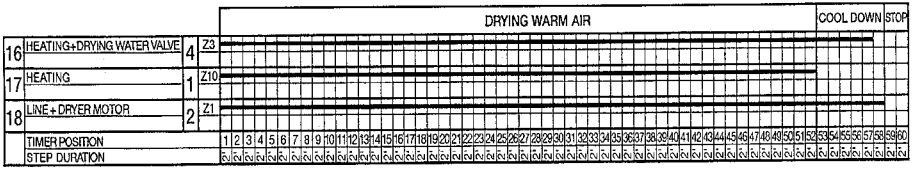
NORMAL WASHING
NORMAL WASHING
NORMAL WASHING
NORMAL WASH

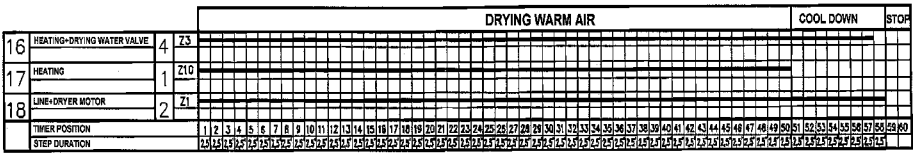
Program diagram


WHIRLPOOL AWG338/3 (EU) 8537 338 72110
WHIRLPOOL AWG338/3 (EU) 8537 338 72120
WHIRLPOOL AWG338/3 (EU) 8537 338 72130
WHIRLPOOL AWG338/3 (EU) 8537 338 72140
WHIRLPOOL AWG338/3 (EU) 8537 338 72150
WHIRLPOOL AWG338/3 (EU) 8537 338 72160
TIMER ELBI 057.2.0
PROGRAM SELECTOR
FILLING
NORMAL RHYTHM
ALTERNATE RHYTHM
HEATING
STATIC HEATING
DRAINING
DRAINING - FINE SPINNING
DRAINING - SPINNING
CLOSED CONTACT
1 FILLING TO COMPARTMENT I
2 FILLING TO COMPARTMENT II
3 FILLING TO COMPARTMENT III
4 FILLING TO COMPARTMENT IV
M INTERMEDIATE LEVEL
L LOW LEVEL
H HIGH LEVEL
EH EXTRA HIGH LEVEL
HE HEATING
N NORMAL RHYTHM
L SLOW RHYTHM
SI WITHOUT DRUM ROTATION
P DRAINING
C SPINNING
S LOW SPINNING
SS HIGH SPINNING
SH INTERMITTENT SPINNING
SI STOP WITH WATER IN THE TUB NORMAL RHYTHM
ACP STOP WITH WATER IN THE TUB SLOW RHYTHM
ACPA STOP WITH WATER IN THE TUB
I1 FILLING TIME LOW LEVEL
I2 FILLING TIME HIGH LEVEL
I3 FILLING TIME EXTRA HIGH LEVEL
I4 TIME TO REACH 40° C
I5 TIME TO REACH 60° C
I6 TIME TO REACH 90° C
I7 TIME TO REACH 95° C
TERMINAL CONNECTION UNIT OPERATIONAL LOGIC
SPEED in rev.
Wool Plus Normal Plus Normal Plus Synt. Plus Synt. +Min. 40°C
CODE
CO1 (4FT) X X X X
CO2 (8S) X X X
CO3 (7T) X X X
CO4 (7S) X X X
N.B.: Because the characteristics of the unit control the contacts 25 - 29 - 47 - 59 are closed as same as in position 30 (high speed spinning)
4812 713 78006

DRYING TIMER EATON 8314-01 for WASHER-DRYER 120'



DRYING TIMER EATON 8314-03 FOR WASHER-DRYER 150'



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